

# ***Renewable Energy Project Activity On BLM Utah Public Lands***

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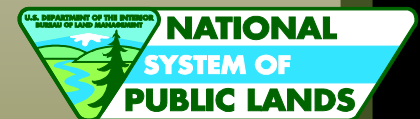
***BLM Utah State Office***

***August 17, 2010***



## **Presentation Outline**

- ❑ ***BLM Renewable Energy Program Framework***
- ❑ ***Thumbnail of Bureau-level RE Fast-Track Projects***
- ❑ ***Overview of BLM Utah RE Project Activity for***
  - ✓ ***Wind Energy***
  - ✓ ***Solar Energy***
  - ✓ ***Geothermal Energy***
  - ✓ ***Biomass Energy***



## **BLM RE Program Framework**

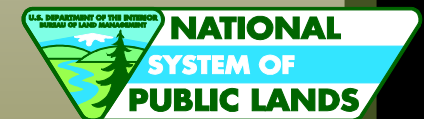
- ❑ **Secretarial Order 3283 of Jan. 16, 2009 – Enhancing Renewable Energy Development on the Public Lands**
  - ✓ **Designated BLM Renewable Energy Coordination Offices (RECO) for Permitting of Environmentally Responsible**
    - **Wind, Solar, Geothermal and Biomass Operations;**
    - **Siting of Electrical Transmission Facilities on the Public Lands**
    - **BLM RECO Designated States include AZ, CA, NV and WY**
    - **Additional RE Staff allocated to CO, ID, NM, OR, and UT (5 FTE)**



## **Thumbnail of Bureau-level RE Fast-Track Projects**

**See Presentation Handout 1:**

- ❑ **14 Utility Scale Solar Projects: 1-AZ, 9-CA, & 4-NV**
- ❑ **9 Wind Turbine Projects: 4-CA, 2-NV, 1-OR, 1-UT, & 1-WY**
  - ✓ **enXco's Mineral Mountain 53 Turbine Project (More Testing)**
- ❑ **6 Geothermal Projects: 6-NV**
- ❑ **7 Transmission Projects: 2-CA, 3-ID, 2-NV**
  - ✓ **500 kV – Energy Gateway South/600 kV - Transwest Express**



## **Presentation Outline**

- ✓ *Renewable Energy Program Framework*
- ✓ *Thumbnail of Bureau-level RE Fast-Track Projects*
- ***Overview of BLM Utah's RE Project Activity for***
  - ✓ *Wind Energy*
  - ✓ *Solar Energy*
  - ✓ *Geothermal Energy*
  - ✓ *Biomass Energy*



## Overview of BLM Utah's RE Project Activity

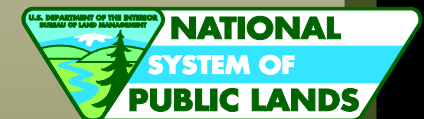
### ❑ Wind Energy Projects (See Presentation Handout 2)

#### ✓ 35 Wind Metrological (MET) Testing ROWs

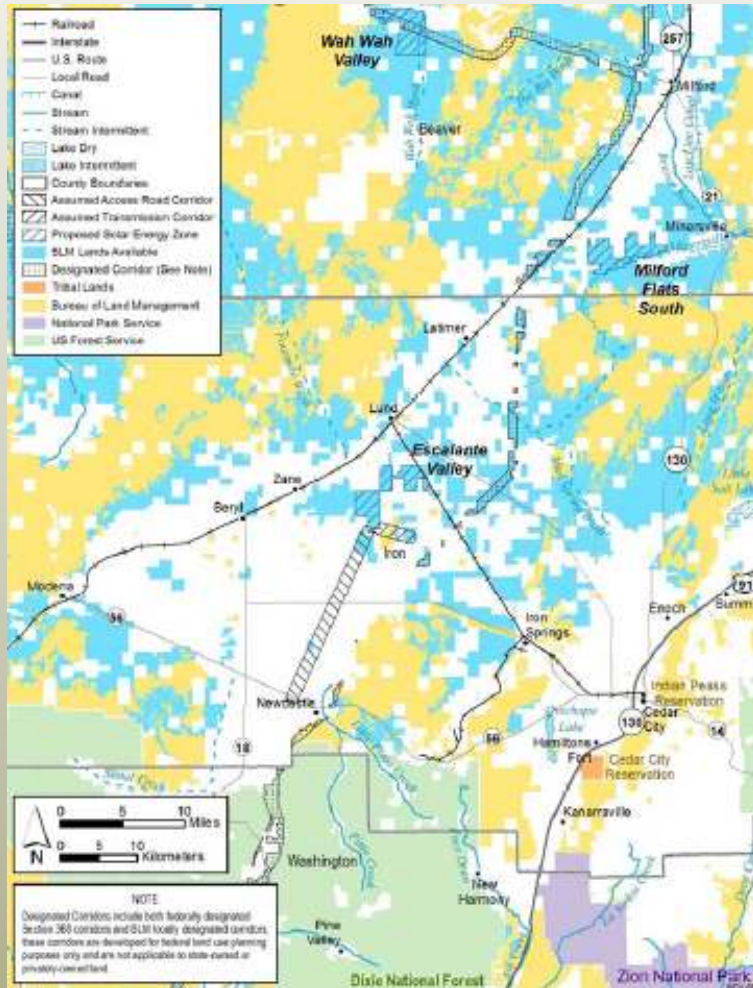
- 19 Processed and 16 Pending – Cedar City, Fillmore, Salt Lake FOs
- Permits 137 met towers across 698,000 acres

#### ✓ 4 Wind Development ROWs (2 Approved /3 Pending)

	BLM Lands		Project Total	
	Turbines	MWs	Turbines	MWs
<b>Approved ROWs</b>				
Milford Phase I	28	42.0	97	145.5
Milford Phase II	33	49.5	60	90.0
<b>Subtotal</b>	<b>61</b>	<b>91.5</b>	<b>157</b>	<b>235.5</b>
<b>Pending ROWs</b>				
Milford Phase III	TBD	TBD	275	400.0
Mineral Mountain	TBD	TBD	53	80.0
Harmony Mountain	43	90.3	51	107.1
<b>Subtotal</b>	<b>43</b>	<b>90.3</b>	<b>379</b>	<b>587.1</b>
<b>Total</b>	<b>104</b>	<b>181.8</b>	<b>536</b>	<b>822.6</b>



# Overview of BLM Utah's RE Project Activity



## ☐ Solar Projects - Development of Draft Programmatic EIS

### ✓ Designating 25 SEZs with 3 SEZs in SW Utah

✓ Milford Flats South - 6,440 acres

✓ Wah Wah Valley - 6,097 acres

✓ Escalante Valley - 6,648 acres

### ✓ Completion of the Draft Solar PEIS is Expected in Dec. 2010

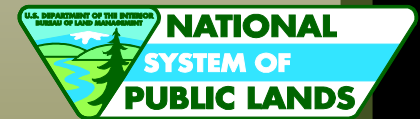




## Overview of BLM Utah's RE Project Activity (Cont'd)



- ❑ **Geothermal Projects: 160,000 Acres Under Lease**
  - ✓ **160,000 Acres under Lease – Up 60,000 Acres Feb. Sale**
  - ✓ **3 Geophysical NOIs and 5 Authorized Development Projects**





## **Overview of BLM Utah's RE Project Activity (Cont'd)**

### **❑ Biomass Energy (Woody Variety)**

- ✓ *BLM has Facilitated Organization of Utah Working Group*
- ✓ *Have Received a DOE Grant to Study Kanab Area*



# *Questions or Comments?*

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